

Product Evaluation

SK13 | 0619

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: SK-13

Effective Date: June 1, 2019

Re-evaluation Date: September 2021

Product name: Model DSF (Self Flashing) and Model DCM (Curb Mount) Aluminum Skylights, Impact Resistant

Manufacturer: Maxim Industries, Inc
1630 Terre Colony Court
Dallas, Texas 75212
(214) 905-2021

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Model DSF (Self Flashing) Aluminum Skylights	CW-PG40 (61 x 98)-SKP/RW Missile Level D	+40 / -75 psf
2	Model DCM (Curb Mount) Aluminum Skylights	CW-PG40 (61 x 98)-SKP/RW Missile Level D	+40 / -75 psf

Product Dimensions:

System	Overall Size	Daylight Opening Size
1-2	61-3/8" x 97-1/2"	56-1/2" x 92-1/2"

Product Identification (Certification Label on Skylight):

System		
1-2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Maxim Industries, Inc
	Product Name	Unit Skylight Plastic Glazed Skylight Self Flashing or Curb Mounted
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05/E1996-05 Missile Level D

Impact Resistance:

System	Impact resistant	Requirement
1-2	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:**System 1:**

The skylights must be secured to minimum Spruce-Pine-Fir dimension lumber. The skylight must be secured to the roof framing using the flashing flange of the skylight with minimum No. 12 x 1-1/2" hex head screws. The fasteners must be located approximately 3" from each corner and 8" on center along the perimeter of the skylight. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the roof framing.

System 2:

The skylights must be mounted to a wood curb. The wood curb must be minimum 2x Spruce-Pine-Fir dimension lumber. The wood curb and the attachment of the wood curb to the roof framing must be designed to resist the design pressures of the skylight as specified in this evaluation report. The wood curb and the attachment of the wood curb to the structure must be designed by an engineer licensed to practice in the State of Texas.

The skylight must be secured to the wood curb using the frame of the skylight with minimum No. 12 x 1-1/2" hex head screws. The fasteners must be spaced approximately 3" from each corner 8" on center along the perimeter of the skylight. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wood framing.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.